



Australian Government

MSTAT4006 Contribute to the development of textile designs

Release: 1

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Modification History

Release 1. Unit Code, Title and Application changed. Elements and Performance Criteria simplified and restructured with Element 1 removed and content significantly restructured to remove content that is covered in other units (sample production and communicating design concept). Foundation Skills field populated. Range of Conditions removed. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTTD4009 Assist in the development of textile designs.

Application

This unit describes the skills and knowledge required to work with others to develop design concepts for textile products (other than garments) according to a specified brief. Work includes research and creation or adaptation of designs as part of a collaborative process.

This unit applies to individuals working in textile design and production roles.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Apparel and Textile Production

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to develop textile designs	1.1 Interpret design brief and clarify purpose of textile product 1.2 Determine design requirements and constraints from brief 1.3 Analyse examples of textile designs that meet aspects of the design brief 1.4 Discuss brief with team members and establish design priorities
2. Analyse technical requirements of design brief	2.1 Research and assess trends in yarns and raw materials used in similar textile products 2.2 Identify and assess technical requirements associated with textile production processes 2.3 Identify any additional expertise required for project

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.4 Identify impacts of materials and processes on design
3. Contribute to design concept development	3.1 Use collaboration to develop preliminary concepts as part of a team 3.2 Identify and explore possibilities using the elements and principles of design 3.3 Select appropriate themes and generate visual materials that reflect ideas for colour, texture and other imagery 3.4 Share informed creative and technical ideas with others to inform concept development using suitable communication and presentation tools 3.5 Use simulation to test and evaluate design concepts on products 3.6 Examine design ideas against design brief and select design for further development in consultation with others

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret varied information in design briefs and research sources
- Oral communication skills to collaborate with others on ideas

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTAT4006 Contribute to the development of textile designs

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- contribute to the development of two different textile designs that meet the requirements of the design brief.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- elements of a design brief and how to interpret design brief requirements
- research sources for textile designs
- elements and principles of design and how they are used to create good design in the textiles industry
- elements of design, including:
 - colour
 - form
 - line
 - shape and silhouette
 - space
 - texture
 - value
- principles of design, including:
 - balance
 - contrast
 - dominance
 - gradation
 - harmony
 - proportion

- radiation
- repetition
- rhythm
- unity
- global and local trends in textile design
- key design considerations for textile designers, including:
 - role and importance of different types of repeat systems
 - concept of hero design and coordinates
- textile product construction techniques
- fabrics, fibres, yarns, accessories and their properties and characteristics
- use of colour or colour mix and interpretation in textile designs.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - design briefs
 - design tools (manual or digital).

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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